

Title (en)

MOBILE DRILL CUTTINGS DRYING SYSTEM

Title (de)

MOBILES BOHRSCHNEIDUNGEN-TROCKNUNGSSYSTEM

Title (fr)

SYSTÈME MOBILE DE SÉCHAGE DE DÉBLAIS DE FORAGE

Publication

EP 2421790 A1 20120229 (EN)

Application

EP 10767510 A 20100408

Priority

- US 2010030408 W 20100408
- US 60629609 A 20091027
- US 17069609 P 20090420

Abstract (en)

[origin: US2010047042A1] Apparatus for drying drill cuttings ("cuttings") at multiple drilling locations. A commercially available cuttings drying unit is mounted on a means for transporting the cuttings drying unit between drilling sites, such as a truck. A means for conveying cuttings to an inlet of the cuttings drying unit, such as an auger, moves wet cuttings from a collection container to the drying unit. The cuttings are then dried. A means for conveying dried cuttings from a discharge of the cuttings drying unit to another cuttings container, such as a discharge auger, is provided. Preferably the discharge auger is mounted on the truck so as to be rotatable between a first position, wherein the truck can legally move down a roadway (preferably, contained within the width of the truck), and a second position usually to one side of the truck, where the dried cuttings can be discharged into a container. The cuttings drying system can be readily transported between drilling locations, remaining only long enough to process the wet cuttings on location. In one embodiment of the invention, the inlet auger is mounted on the truck, so that it is moved from location to location as well.

IPC 8 full level

B66C 17/08 (2006.01)

CPC (source: EP US)

E21B 21/066 (2013.01 - EP US)

Citation (search report)

See references of WO 2010123695A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

US 2010047042 A1 20100225; EP 2421790 A1 20120229; WO 2010123695 A1 20101028

DOCDB simple family (application)

US 60629609 A 20091027; EP 10767510 A 20100408; US 2010030408 W 20100408